MODIS Science Data Support Team (SDST) Meeting Minutes 01/15/93

ATTENDEES: Francesco Bordi, Tom Bryant, Lloyd Carpenter, Paul Chan,
Jy-Tai Chang, Larry Fishtahler, Al Fleig, Stan Freden, Tom Goff, Liam
Gumley, Paul Hubanks, Ed Masuoka, J. J. Pan, Shahin Samadi, Greg
Schmidt, Carl Solomon, Jim Storey, Steve Ungar, Lalit Wanchoo

NEXT MEETING: Date   Time   Building   Room
            Friday, January 22   10:00 am   22   G95

TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley reported on the
transition of MAS Level-1 processing to Paul Hubanks and Brenda
Colesanti. Liam is writing a MAS Level-1 Processing Guide covering all
of the steps which are involved. Liam is also continuing to work on the
MAS Data User's Guide which includes instructions on how to use netCDF.

Liam has received an updated FORTRAN-77, Cray Y-MP version of Michael
King's Cloud Optical Depth code from Si-Chee Tsay. Tom Arnold is
reviving the IBM code which generated the nine required input files
(lookup tables).

2. DATA PRODUCTS LIST AND ALGORITHM DEPENDENCY DIAGRAM: J.J. Pan has
prepared a package containing the latest table of data products, a table
indicating which channels will be used for generating each product, and
the latest version of the dependency diagram. This package was sent to
the science team members for corrections and comments.

3. MODIS EARTH LOCATION ERROR: Paul Hubanks has nearly completed the
"Analysis of MODIS Earth Location Error" report. The tables and figures
are being updated to reflect recent new pointing error budget estimates
which show a 2% reduction in total error.

4. MODIS LEVEL-1 DATA PRODUCT GENERATOR DESIGN: Tom Goff presented the
latest version of his assumptions list for the MODIS Level-1 design.
There was considerable discussion of the structure and contents of the
list. Larry Fishtahler was asked to report on the EOS policy regarding
updating of orbit and attitude data. Tom Bryant is to provide a copy of
the list to John Barker.

ACTION ITEMS:

06/12/92 [Lloyd Carpenter]. Due Date: 02/12/93. Implement Microsoft
Project for managing and scheduling MODIS SDST activities, including
Level-1A and -1B schedules, Level-2 shell schedule, sizing of computer

resource requirements, and overview. STATUS: Open.

12/22/92 [Tom Goff]. Due Date: 01/15/93. Determine computer storage and processing requirements for MODIS Level-1A and Level- 1B processing. STATUS: Closed.

12/22/92 [Lloyd Carpenter]. Due Date: 03/01/93. Survey the MODIS science team members to determine computer storage and processing requirements for Level-2 processing. STATUS: Open.

12/18/92 [Al Fleig]. Due Date: 01/22/93. Meet with John Barker to discuss MCST requirements for Level-1A Earth location processing and data quality classification. STATUS: Open.

12/18/92 [Al Fleig]. Due Date: 01/15/93. Discuss requirements for a volcano flag with Peter Mouginis-Mark. (The speed of detection will depend upon getting data out of EDOS as soon as it is received. This will require headquarters approval. This is an interdisciplinary requirement, not MODIS.)   STATUS: Closed.

01/15/93 [Ed Masuoka]. Due Date: 01/22/93. Meet with Joann Harnden on requirements for MODIS Level-1B. Status: Open.